

Metal Halide Fixtures

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CEC Efficiency Committee Workshop

2008 Rulemaking on Appliance Efficiency Regulations

Docket No. 07-AAER-3

Background

- PG&E recommended standards for MH fixtures adopted by CEC in 2004
- CASE Report “Analysis of Standards Options for High-Intensity Discharge Lighting Fixtures” submitted April 3, 2008
- Recommends revision of the current MH fixture standard to require ballast efficiencies equivalent to electronic ballasts
 - 150W to 274W: 90% ballast efficiency
 - 275W to 500W: 92% ballast efficiency

Background

- Estimated energy savings:
 - 19 – 59 GWh and 3 – 11 MW for first year sales
 - 173 – 538 GWh and 31 – 96 MW upon complete stock turnover
- Cost-benefit ratio: 2.65
- Federal standard exempts CA from pre-emption IF new standards adopted by January 1, 2011

Conclusions and Suggested Next Steps

- CEC Staff Report recommends adoption of PG&E proposal
- CEC Staff Report indicates that the lighting industry has raised no substantive issues to CEC related to the PG&E proposal
- PG&E team is available as needed to address any additional comments or concerns from CEC and industry